

WHAT IS CLAIMED IS:

1. A method for providing telecommunications services in a telecommunications network,
comprising the steps by a telecommunications service provider of:
monitoring data relating to communications termination criteria for at least two
5 communicants in the telecommunications network; and
terminating communications between the at least two communicants by determining, by
processing the data, that the criteria have been met.
2. The method according to claim 1, wherein the telecommunications network is the Public
10 Switched Telephone Network.
3. The method according to claim 1, wherein the telecommunications network is a wireless
telephony network.
- 15 4. The method according to claim 1, wherein the telecommunications network is a wireless
data network.
5. The method according to claim 1, wherein the telecommunications network is the
Internet.
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6. The method according to claim 1, wherein the telecommunications network is an intranet.

7. The method according to claim 1, wherein the telecommunications network includes a wireless connection to the Internet.

8. The method according to claim 1, wherein the telecommunications network is a cable television network.

9. The method according to claim 1, wherein the telecommunications network includes at least two selected from the group consisting of the Public Switched Telephone Network, a wireless telephony network, a wireless data network, the Internet, an intranet, and a cable television network.

10. The method according to any of claims 2, 3, 4, 5, 6, 7, 8, or 9, wherein the data processed comprise geographic data.

11. The method according to claim 10, wherein the geographic data comprise the physical locations of the at least two communicants.

12. The method according to claim 10, wherein the geographic data comprise the distances between the at least two communicants.

13. The method according to claim 10, wherein the geographic data comprise the physical locations of at least one of the at least two communicants in relation to another location other than that of another of the at least two communicants.

14. The method according to claim 10, wherein the geographic data comprise motion of at least one of the at least two communicants.
- 5 15. The method according to claim 10, where in the geographic data comprise the relative motion of one communicant with respect to another communicant.
16. The method according to claim 10, wherein the geographic data comprise the motion of one communicant relative to an object other than another of the at least two communicants.
- 10 17. The method according to any of claims 2, 3, 4, 5, 6, 7, 8, or 9, wherein the data processed comprise temporal data.
18. The method according to claim 17, wherein the temporal data comprise time of day or
15 day of the week data.
19. The method according to claim 17, wherein the temporal data comprise measures of elapsed time since the occurrence of a specified event or condition.
- 20 20. The method according to claim 17, wherein the temporal data comprise measures of elapsed time between specified events or conditions.

21. The method according to claim 17, wherein the temporal data comprise a specific time interval.

22. The method according to claim 17, wherein the temporal data comprise a specific time.

5 23. The method according to claim 17, wherein the temporal data comprise a time range.

24. The method according to claim 17, wherein the temporal data comprise a date range.

25. The method according to any of claims 2, 3, 4, 5, 6, 7, 8, or 9, wherein the data
10 processed comprise network component status data.

26. The method according to claim 25, wherein the network component status data comprise an addressable device type.

15 27. The method according to claim 25, wherein the network component status data comprise availability of an addressable device.

28. The method according to claim 25, wherein the network component status parameters comprise channel capacity utilization.

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29. The method according to claim 25, wherein network component status parameters comprise component failure tolerance.

30. The method according to claim 25, wherein the network component status parameters comprise component failure history.

31. The method according to claim 25, wherein the network component status parameters
5 comprise network capacity utilization.

32. The method according to any of claims 2, 3, 4, 5, 6, 7, 8, or 9, wherein the data processed comprise communicant-specific parameters.

10 33. The method according to claim 32, wherein the communicant-specific parameters comprise at least one of sex, race, age, native language, height, weight, physical characteristics, religion, sexual preference, political affiliation, educational attainment, personal income, net worth, activity interests, aesthetic preference, culinary preference, physical fitness, intelligence, possessions, and aspirations.

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34. The method according to claim 32, wherein the communicant-specific parameters comprise goods, services, or consideration offered by a communicant.

35. The method according to claim 32, wherein the communicant-specific parameters
20 comprise the price or other consideration offered for goods or services by the communicant.

36. The method according to claim 32, wherein the communicant-specific parameters comprise the price or other consideration sought for goods or services by the communicant.

37. The method according to claim 32, wherein the communicant-specific parameters comprise temporal parameters.

5 38. The method according to claim 32, wherein the communicant-specific parameters comprise geographic parameters.

39. The method according to claim 32, wherein the communicant-specific parameters comprise network component parameters.

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40. The method according to claim 1, wherein the monitored data include data provided by communicants.

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41. The method according to claim 1, wherein the monitored data include data provided by network components.

42. The method according to claim 1, wherein the monitored data include invariant data integral to the network's design.

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43. The method according to claim 1, wherein the monitored data include data provided by sources which are external to the network.

44. The method according to claim 1, wherein the data is processed in a manner involving at least one random number.

45. The method according to claim 1, wherein the data is processed by at least one of
5 arithmetic, logical, procedural, statistical, probabilistic, arbitrary, geometrical, or textual methods.

46. The method according to claim 1, wherein the data is processed by artificial intelligence methodology.

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47. A method for providing telecommunications services in a telecommunications network, comprising the steps by a telecommunications service provider of:

monitoring data relating to communications initiation criteria for at least two
communicants in the telecommunications network, wherein at least one of the at least two

15 communicants is a customer service center; and

initiating communications among the at least two communicants by determining, by
processing the data comprising temporal data, that the criteria have been met.

48. The method according to claim 47, wherein the temporal data comprise time of day or
20 day of the week data.

49. The method according to claim 47, wherein the temporal data comprise measures of
elapsed time since the occurrence of a specified event or condition.

50. The method according to claim 47, wherein the temporal data comprise measures of elapsed time between specified events or conditions.
- 5 51. The method according to claim 47, wherein the temporal data comprise a specific time interval.
52. The method according to claim 47, wherein the temporal data comprise a specific time.
- 10 53. The method according to claim 47, wherein the temporal data comprise a time range.
54. The method according to claim 47, wherein the temporal data comprise a date range.
55. A method for providing telecommunications services in a telecommunications network,
15 comprising the steps by a telecommunications service provider of:
monitoring data relating to communications initiation criteria for at least two
communicants in the telecommunications network; and
initiating communications comprising at least one of e-mail and instant-messaging by
determining, by processing the data comprising at least one of geographic data, temporal data,
20 and communicant-specific data, that the criteria have been met.
56. A method for providing telecommunications services in a telecommunications network,
comprising the step by a telecommunications service provider of:

re-establishing communications among at least two communicants by determining that a previously established communication among the at least two communicants has been terminated without either a valid termination request from at least one of the at least two communicants or a termination initiative designed into the network.

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57. The method according to any of claims 47-56, wherein the telecommunications network is the Public Switched Telephone Network.

58. The method according to any of claims 47-56, wherein the telecommunications network
10 is a wireless telephony network.

59. The method according to any of claims 47-56, wherein the telecommunications network is a wireless data network.

15 60. The method according to any of claims 47-56, wherein the telecommunications network is the Internet.

61. The method according to any of claims 47-56, wherein the telecommunications network is an intranet.

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62. The method according to any of claims 47-56, wherein the telecommunications network includes a wireless connection to the Internet.

63. The method according to any of claims 47-56, wherein the telecommunications network is a cable television network.

64. The method according to any of claims 47-56, wherein the telecommunications network
5 includes at least two selected from the group consisting of the Public Switched Telephone Network, a wireless telephony network, a wireless data network, the Internet, an intranet, and a cable television network.